

## CHAPTER 72 NEW INSTALLATIONS

[Prior to 9/24/86, Labor, Bureau of [530]]  
[Prior to 10/21/98, see 347—Ch 72]

**875—72.1(89A) Purpose and scope.** This chapter contains rules of safety standards covering the design, construction, installation, operation, inspection, testing, maintenance, alteration and repair of conveyances. No new or previously dormant conveyance may be installed except in accordance with the safety standards adopted by reference in this chapter.

**72.1(1)** Installations—January 1, 1975, to December 31, 1982. As used in this chapter, ANSI A17.1 shall mean ANSI A17.1 (1971). As used in this chapter, ANSI C1 shall mean ANSI C1-1975.

**72.1(2)** Installations—January 1, 1983, to December 31, 1992. As used in this chapter, ANSI A17.1 shall mean ANSI A17.1 (1981). As used in this chapter, ANSI C1 shall mean ANSI C1-1981. As used in this chapter, ANSI A117.1 shall mean ANSI A117.1 (1980).

**72.1(3)** Installations—January 1, 1993, to December 31, 2000. As used in this chapter, ASME A17.1 shall mean ASME A17.1 (1990). As used in this chapter, ANSI/NFPA 70 shall mean ANSI/NFPA 70 (1990). As used in this chapter, ANSI A117.1 shall mean ANSI A117.1 (1980).

**72.1(4)** Installations—January 1, 2001, to December 31, 2003. As used in this chapter, ASME A17.1 shall mean ASME A17.1 (1996 through the 1999 addenda). As used in this chapter, ASME A18.1 shall mean ASME A18.1 (1999), except chapters 4, 5, 6, and 7. As used in this chapter, ANSI A117.1 shall mean ANSI A117.1 (1998). As used in this chapter, ANSI/NFPA 70 shall mean ANSI/NFPA 70 (1999).

**72.1(5)** Installations—January 1, 2004, to April 4, 2006. As used in this chapter, ASME A17.1 shall mean ASME A17.1 (2000 through the 2003 addenda). As used in this chapter, ASME A18.1 shall mean ASME A18.1 (1999 through the 2001 addenda), except chapters 4, 5, 6, and 7. As used in this chapter, ANSI A117.1 shall mean ANSI A117.1 (1998). As used in this chapter, ANSI/NFPA 70 shall mean ANSI/NFPA 70 (2002).

**72.1(6)** Installations—April 5, 2006, to present. As used in this chapter, ASME A17.1 shall mean ASME A17.1-2004, A17.1a-2005 and A17.1S-2005. As used in this chapter, ASME A18.1 shall mean ASME A18.1 (2003), except chapters 4, 5, 6, and 7. As used in this chapter, ANSI A117.1 shall mean ANSI A117.1 (2003). As used in this chapter, ANSI/NFPA 70 shall mean ANSI/NFPA 70 (2005).

**72.1(7)** Any installation which is in compliance with the latest supplements to ASME A17.1 shall be considered to be in compliance with this chapter, where the latest supplement has equal or more stringent safety requirements as determined by the commissioner. As used in this rule, the word “installed” refers to the date of a written contractual agreement to install a new conveyance or reinstate a dormant conveyance.

**875—72.2(89A) Definitions.** The definitions contained in Part 1 of ASME A17.1, Part 1 of ASME A18.1, and Chapter 1 of ANSI A117.1, and any other standard adopted herein by reference shall be applicable as used in this chapter to the extent that they do not conflict with the definitions contained in Iowa Code chapter 89A and these rules.

**875—72.3(89A) Accommodating the physically disabled.** All passenger elevators installed between January 1, 1975, and December 31, 1982, which are available and intended for public use shall be usable by the physically disabled. All passenger elevators shall have control buttons with identifying features for the benefit of the blind and shall allow for wheelchair traffic. All passenger elevators and wheelchair lifts installed on or after January 1, 1983, which are accessible to the general public shall comply with Accessible and Usable Buildings and Facilities ANSI A117.1, sections 407 and 408.

**875—72.4(89A) Electric elevators.** The provisions contained in ASME A17.1, part 2, are adopted by reference.

**875—72.5(89A) Hydraulic elevators.** The provisions contained in ASME A17.1, part 3, are adopted by reference.

**875—72.6(89A) Power sidewalk elevators.** The provisions contained in ASME A17.1, section 5.5, are adopted by reference.

**875—72.7(89A) Hand elevators.** Rescinded IAB 3/7/01, effective 4/11/01.

**875—72.8(89A) Hand and power dumbwaiters.** The provisions contained in ASME A17.1, sections 7.1, 7.2, 7.3, and 7.8, are adopted by reference.

**875—72.9(89A) Escalators and moving walks.** The provisions contained in ASME A17.1, part 6, are adopted by reference.

**875—72.10(89A) General requirements.** The provisions contained in ASME A17.1, part 8, are adopted by reference unless specifically excluded herein.

**875—72.11(89A) Acceptance and periodic tests and inspections of elevators, dumbwaiters, escalators and moving walks.** The provisions contained in ASME A17.1, sections 8.10 and 8.11, except section 8.11.1.1, are adopted by reference.

**875—72.12(89A) Engineering and type tests.** Rescinded IAB 11/26/03, effective 1/1/04.

**875—72.13(89A) Alterations, repairs, replacements and maintenance.** Rescinded IAB 11/26/03, effective 1/1/04.

**875—72.14(89A) Design data and formulas.** Rescinded IAB 11/26/03, effective 1/1/04.

**875—72.15(89A) Power-operated special purpose elevators.** The provisions contained in ASME A17.1, section 5.7, are adopted by reference.

**875—72.16(89A) Inclined and vertical wheelchair lifts.** The provisions contained in ASME Safety Standard for Platform Lifts and Stairway Chairlifts A18.1, sections 1, 2, 3, 8, 9, and 10, are adopted by reference for all inclined and vertical wheelchair lifts.

**875—72.17(89A) Hand-powered elevators.** Hand-powered elevators shall not be installed after January 1, 1983.

**875—72.18(89A) Accommodating the physically disabled.** Renumbered as 875—72.3(89A), IAB 11/26/03, effective 1/1/04.

**875—72.19(89A) Limited-use/limited-application elevators.** The provisions contained in ASME A17.1, section 5.2, are adopted by reference.

**875—72.20(89A) Rack and pinion, screw-column elevators.** The provisions contained in ASME A17.1, sections 4.1 and 4.2, are adopted by reference.

**875—72.21(89A) Inclined elevators.** The provisions contained in ASME A17.1, section 5.1, are adopted by reference.

**875—72.22(89A) Material lift elevators.** Material lifts existing at a location prior to January 1, 1975, are not regulated or inspected by the labor commissioner.

**875—72.23(89A) Elevators used for construction.** The provisions contained in ASME A17.1, section 5.10, are adopted by reference only as they pertain to elevators utilizing permanent equipment in a permanent location.

These rules are intended to implement Iowa Code chapter 89A.

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